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Terms	Documents
L3 same denatur\$	8

Database: [US Patents Full-Text Database](#) [US Pre-Grant Publication Full-Text Database](#)[JPO Abstracts Database](#) [EPO Abstracts Database](#)
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side by side

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result set

DB=USPT; PLUR=YES; OP=OR

<u>L4</u>	L3 same denatur\$	8	<u>L4</u>
<u>L3</u>	L2 same electrophores\$	57	<u>L3</u>
<u>L2</u>	L1 same immobiliz\$ same probe	365	<u>L2</u>
<u>L1</u>	(purifi\$ or isolate\$) same nucleic	18700	<u>L1</u>

END OF SEARCH HISTORY

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NEWS 4 Apr 09 ZDB will be removed from STN
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NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMARMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 26 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27 Oct 21 EVENTLINE has been reloaded
NEWS 28 Oct 24 BEILSTEIN adds new search fields
NEWS 29 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 31 Nov 18 DKILIT has been renamed APOLIT
NEWS 32 Nov 25 More calculated properties added to REGISTRY
NEWS 33 Dec 02 TIBKAT will be removed from STN
NEWS 34 Dec 04 CSA files on STN
NEWS 35 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36 Dec 17 TOXCENTER enhanced with additional content
NEWS 37 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 38 Dec 30 ISMBC no longer available
NEWS 39 Jan 13 Indexing added to some pre-1967 records in CA/CAPLUS

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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NEWS INTER General Internet Information

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```
=> s (purif? or isolat?) (p)nucleic  
L1           26707 (PURIF? OR ISOLAT?) (P) NUCLEIC  
  
=> s l1 (p)immobiliz? (p)probe?  
L2           134 L1 (P) IMMobiliz? (P) PROBE?  
  
=> s l2 (p)electrophores?  
L3           17 L2 (P) ELECTROPHORES?  
  
=> s l3 (p)denatur?  
L4           7 L3 (P) DENATUR?  
  
=> d his
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FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 12:48:17 ON 14 JAN 2003
L1 26707 S (PURIF? OR ISOLAT?) (P)NUCLEIC
L2 134 S L1 (P)IMMOBILIZ? (P)PROBE?
L3 17 S L2 (P)ELECTROPHORES?
L4 7 S L3 (P)DENATURE?

LS ANSWER 2 OF 4 MEDLINE
AN 1998435197 MEDLINE
DN 98435197 PubMed ID: 9762449
TI Mutation typing using electrophoresis and gel-immobilized Acrydite probes.
AU Kenney M; Ray S; Boles T C
CS Mosaic Technologies, Inc., Boston, MA, USA.
SO BIOTECHNIQUES, (1998 Sep) 25 (3) 516-21.
Journal code: 8306785. ISSN: 0736-6205.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; AIDS
EM 199811
ED Entered STN: 19990106
Last Updated on STN: 19990106
Entered Medline: 19981125
AB A new **electrophoresis** technology for hybridization-based sequence detection and mutation typing is described. Intrinsic to this approach is copolymerization of specially modified oligonucleotide **probes** directly into polyacrylamide gels. **Electrophoresis** of single-stranded samples through gels containing specific **immobilized probes** results in hybridization-mediated capture of complementary targets. By increasing gel temperature or including **denaturants** in the buffer, the method can be used to type single-nucleotide polymorphisms. The method can easily be adapted to type mutations in PCR-amplified samples. Acrydite gel technology will also be useful for many other applications, including hybridization-based diagnostics, analysis of gene expression and **purification of nucleic acids** from biological samples.